

Pre-Algebra

Name \_\_\_\_\_

1:5:2

Solving Equations. SHOW ALL WORK on a separate sheet of paper.

1.  $\frac{x}{3} = 7$

2.  $\frac{g}{2} + 9 = 11$

3.  $\frac{u}{4} + 6 = 36$

4.  $\frac{y}{3} - 17 = 3$

5.  $2y - 7 = 1$

6.  $19 = 7 + \frac{b}{7}$

7.  $2j - 11 = 7$

8.  $7 + 10b = 27$

9.  $7v - 2 = 12$

10.  $1 + 4r = 9$

11.  $2g + 7 = 13$

12.  $8e + 3 = 19$

Simplify each expression.

13.  $5b + 6b$

14.  $21m - 4m$

15.  $5 + 8k + 9$

16.  $17n - 4n + 6$

17.  $6p + 4m + 8m + 7p$

18.  $5b^2 + 6b^2$

19.  $10e - 8e + 6f + 4f$

20.  $7y + 12x - 4y + 16x$

21.  $5u - u$